

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	64	bazylenko.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:52
S2	16	S1 and monolithic\$5 near3 integrat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:52
S3	16	S2 and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:54
S4	3	S3 and photodetector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:55
S5	2263	waveguide same monolithic\$5 near3 integrat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:57
S6	841	S5 and waveguide near5 first same second	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:58
S7	163	S6 and waveguide near5 photodetector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:59
S8	47	S7 and "thin film"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:59
S9	671735	"435"/\$.ccls. or "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:02
S10	9106	S9 and optoelectron \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:03

S11	968	S10 and monolithic \$5 near3 integrat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:03
S12	236	S6 and waveguide near5 (multiple or plurality) same (substrate or support or surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:04
S13	61	S12 and photodetector same integrat\$5 same (substrate or support or surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:06
S14	10	S12 and (biologic\$3 or nucleic or dna or \$5nucleotide or protien or peptide or antibod\$3 or biomolec\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:08
S15	12989	waveguide near5 planar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:17
S16	214	S15 and photodetector same (light or led or diode) same integrat \$3 same (substrate or surface or support or "thin film")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:19
S17	38	S16 and (biologic\$3 or nucleic or dna or \$5nucleotide or protien or peptide or antibod\$3 or biomolec\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:20
S18	72	S15 and photodetector same (light or led or diode) same integrat \$3 near5 monolithic \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:21
S19	4	S18 and (determin\$4 or detect\$3 or measur \$4) near5 refract\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:23

S20	19	microcavity near5 photodetector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:44
S21	319	microcavity same "thin film"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:45
S22	21	S21 and monolithic \$5 near3 integrat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 17:45
S23	686936	ast.as. or webster.in. or chang.in. or wang.in. or chen.in. or hong.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 07:49
S24	41	S23 and fluidic adj cartridge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 07:50
S25	41	S24 and (nucleic or dna or \$5nucleotide or protein or antigen or antibod\$3 or ligand or hapten)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 07:51
S26	29	S25 and (curved or serpent\$3 or zigzg) near3 channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 07:52
S27	26828	microfluid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:24
S28	1319	S27 and substrate same upper same lower	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:24
S29	36	S28 and upper near3 (hydrophobic or polyvinyl or pvc or PMAA or polyethylene or polystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:25
S30	13	S29 and lower near3 glass	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:26

S31	22	S29 and (detect or measur\$5) near5 (analyte or target or sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:33
S32	12	S30 and (detect or measur\$5) near5 (analyte or target or sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:35
S33	1814	channel same (substrate near5 upper near5 lower)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:37
S34	14	S33 and upper near3 (hydrophobic or polyvinyl or pvc or PMAA or polyethylene or polystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:37
S35	3	S34 and lower near3 glass	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:38
S36	2219404	channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:39
S37	75648	channel near5 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:40
S38	5163	S37 and substrate near5 (upper and lower)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:40
S39	37	S38 and upper near5 (hydrophobic or polyvinyl or pvc or PMAA or polyethylene or polystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:41
S40	7	S39 and lower near5 glass	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/30 10:41

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